IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

REVOCATION AND NEW POWER OF ATTORNEY

Under 37 CFR §3.73(b) Google Inc., a Delaware corporation, certifies that it is the assignee of 100% of the right, title and interest in the patent applications listed on the attached Appendix by virtue of assignments, including assignments from inventors of the patent applications. The assignments for these patent applications were recorded in the Patent and Trademark Office on the Real and Frame numbers provided in the Appendix.

The undersigned, acting on behalf of the assignee, is empowered to act on behalf of the assignee and hereby revokes all powers of attorney previously granted in the applications and appoints the practitioners associated with:

PTO Customer Number: 26192

with full power of substitution and revocation, to prosecute the application and to transact all business in the United States Patent and Trademark Office connected therewith.

All correspondence regarding the application should be sent to:

PTO Customer Number: 26192

Direct all telephone calls to Hans R. Troesch, Reg. No. 36,950, at telephone number (650) 839-5070.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment; or both, under Section 1001 of Title 18 of the United States

Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Respectfully submitted,

Date: May 7, 1008

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Title: ASSISTANT SECRETARY Google Inc.

jung-hua apps - poa doc

Attorney's Docket No.: 16113-001001 Pages 3 of 3

TABLE 1

Docket No.	Attorney	Application Serial No.	Recordation Date Reel/Frame
16113-0980001 / GP-156-00-US	. •	inpplication Serial 110.	Recordation Date Recordante
GP-156-00-US		10/750 033	Recorded 11/23/2007: Reel/Frame 015406 / 0431
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GP-179-00-US 16113-1320001 / GP-228-00-US 10/816,593 Recorded 04/27/2005; Reel/Frame 016174 / 0088 16113-1323001 / GP-270-00-US 10/816,594 Recorded 07/19/2005; Reel/Frame 016546 / 0268 16113-1325001 / GP-322-00-US 11/011,727 Recorded 12/14/2004; Reel/Frame 016090 / 0584 16113-1326001 / GP-322-01-US 10/958,940 Recorded 10/04/2004; Reel/Frame 015874 / 0832 16113-1328001 / GP-322-03-US 11/015;980 Recorded 12/17/2004; Reel/Frame 016121 / 0605 16113-1329001 / GP-327-00-US 10/875,449 Recorded 05/10/2005; Reel/Frame 016210 / 0075 16113-1338001 / GP-327-00-US 11/724,600 Recorded 08/22/2007; Reel/Frame 019735 / 0765		10/750 180	Pagardad 00/08/2004: Paga/Erama 015114 / 0594
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